

AMENDMENTS TO THE CLAIMS

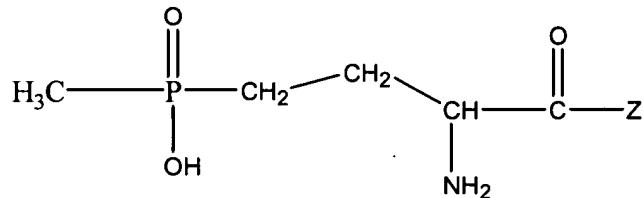
This listing of claims will replace all prior versions and listings of claims in the application.

Claims 1-15 (canceled)

Claim 16 (previously added): A method for controlling harmful plants in maize crops in an area under cultivation which comprises applying an effective amount of a herbicidal combination to the harmful plants, seeds of the maize crops or the area or the area under cultivation, wherein said herbicidal combination comprises a synergistically effective amount of

(A) one or more broad-spectrum herbicides selected from the group consisting of

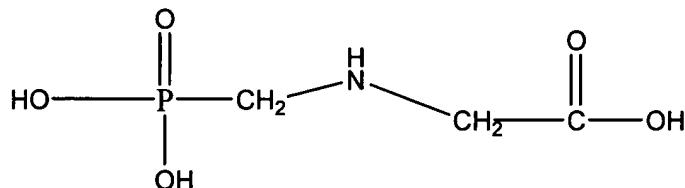
(A1) compounds of the formula (A1),



(A1)

in which Z is a radical of the formula $-\text{OH}$ or a peptide radical of the formula $-\text{NHCH}(\text{CH}_3)\text{CONHCH}(\text{CH}_3)\text{COOH}$ or $-\text{NHCH}(\text{CH}_3)\text{CONHCH}[\text{CH}_2\text{CH}(\text{CH}_3)_2]\text{COOH}$, and their esters and salts and other phosphinothrin derivatives,

(A2) compounds of the formula (A2) and their esters and salts,



(A2)

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(A3) imidazolinones and salts thereof,

(A4) herbicidal azoles from the protoporphyrinogen-oxidase (PPO-inhibitors) and the PPO-inhibitor WC9717

(A5) cyclohexanedione oxime herbicides and,

(A6) heteroaryloxyphenoxypropionic acid herbicides,

and

(B) one or more herbicides selected from the group consisting of

(B1) herbicides selected from the group consisting of cyanazine, atrazine, terbutylazine, acetochlor, metolachlor, alachlor, terbutryn, benoxacor, nicosulfuron, rimsulfuron, primisulfuron, dimethenamid, fluthiamide, sulcotrione, simazine, mesotrione and pentoxamid;

(B2) herbicides selected from the group consisting of pendimethalin, pyridate, iodosulfuron, metosulam, isoxaflutole, metribuzin, cloransulam, flumetsulam, linuron, florasulam and isoxachlortole; and

(B3) herbicides selected from the group consisting of bromoxynil, dicamba, 2,4-D, clopyralid, prosulfuron, thifensulfuron, carfentrazone, tritosulfuron (Lab271272), MCPA, halosulfuron, diflufenzoxyr and sulfosulfuron

or, where applicable, ester or salts of these herbicides

and, optionally one or more safeners

wherein the maize crops are tolerant to the herbicides (A) and (B) which form a constituent of the combination, with the exception of the method where the herbicide combination comprises the combination of

- (a) (A3) imidazolinones and (B) dicamba, bromoxynil, metolachlor, pyridate, primisulfuron, prosulfuron, nicosulfuron, acetochlor or pendimethalin
- (b) (B) iodosulfuron and (A1) glufosinate, (A2) glyphosate or (A3.3) imazamethabenz,
- (c) (B) metolachlor and (A1) glufosinate, (A2) glyphosate or (A.5) sethoxydim.

Claim 17 (currently amended): The method as claimed in claim 16, wherein the (A) herbicides are selected from the group consisting of

- 
- (A1.1) glufosinate acid
 - (A1.2) glufosinate-monoammonium salt,
 - (A1.3) L-glufosinate
 - (A1.4) L-glufosinate monoammonium salt,
 - (A1.5) bialaphos (or bilanafos) or its sodium salt.
 - (A2.1) glyphosate acid,
 - (A2.2) glyphosate-monoisopropylammonium salt,
 - (A2.3) glyphosate-sodium salt,
 - (A2.4) sulfosate,
 - (A3.1) imazapyr and its salts and esters,
 - (A3.2) imazethapyr and its salts and esters,
 - (A3.3) imazamethabenz and its salts and esters,
 - (A3.4) imazamethabenz-methyl,
 - (A3.5) imazamox and its salts and esters,
 - (A3.6) imazaquin and its salts and esters,
 - (A3.7) imazapic (AC 263,222) and its salts and esters,
 - (A4.1) pyraflufen and its esters,
 - (A4.2) carfentrazone and its esters,
 - (A4.3) oxadiargyl
 - (A4.4) sulfentrazone
 - (A4.5) WC9717,

- (A5.1) sethoxydim
(A5.2) cycloxydim
(A5.3) clethodim,
(A5.4) ~~ælefoxidim~~clefoxidim, and
(A5.5) tralkoxydim.

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Claim 18 (previously added): The method as claimed in claim 16, wherein the herbicide

- (A) is glufosinate-ammonium.

Claim 19 (previously added): The method as claimed in claim 16, wherein the herbicide

- (A) is glyphosate-isopropylammonium.

Claim 20 (previously added): The method as claimed in claim 16, wherein herbicide (B)
is one or more herbicides selected from the group consisting of

- (B1) herbicides selected from the group consisting of cyanazine, atrazin,
terbutylazine, acetochlor, metolachlor, alachlor, terbutryn, benoxacor, nicosulfuron,
rimsulfuron, primisulfuron, dimethenamid, fluthiamide, sulcotrione, simazine, mesotrione
and pentoxamid,

- (B2) herbicides selected from the group consisting of pendimethalin, pyridate,
iodosulfuron, metosulam, isoxaflutole, metribuzin, cloransulam, flumetsulam, linuron,
florasulam and isoxachlortole; and

(B3) herbicides selected from the group consisting of bromoxynil, dicamba, 2,4-D, clopyralid, prosulfuron, thifensulfuron, carfentrazone, tritosulfuron (Lab271272), MCPA, halosulfuron, diflufenzoxyr and sulfosulfuron.

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Claim 21 (previously added): The method as claimed in claim 16, wherein the herbicide combination comprises (A) glufosinate-ammonium and (B) mesotrione.

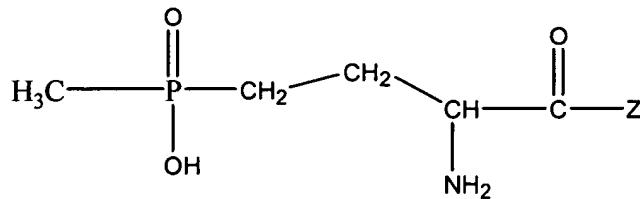
Claim 22 (currently amended): The method as claimed in claim 16 wherein the herbicidal combination comprises glyphosateglufosinate-ammonium and a herbicide selected from the group consisting of dicamba, atrazine, sulcotrione, bromoxynil, clopyralid, isoxaflutole, pendimethalin, alachlor, thifensulfuron-methyl, flumetsulam, tritosulfuron and fluthiamide.

Claim 23 (previously added): The method as claimed in claim 16, wherein the herbicidal combination comprises glyphosate-isopropylamine and one or more herbicides selected from the group consisting of 2,4-D, MCPA, pyridate and dimethenamid.

Claim 24 (previously added): A herbicidal composition comprising a herbicidal combination comprising:

(A) one or more broad spectrum herbicides selected from the group consisting of:

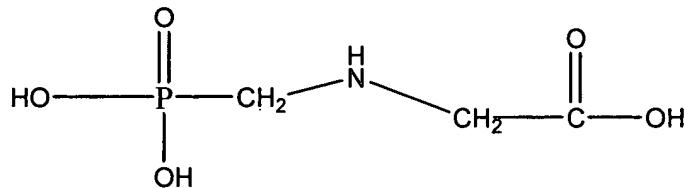
(A1) compounds of the formula (A1),



(A1)

in which Z is a radical of the formula —OH or a peptide radical of the formula —NHCH(CH₃)CONHCH(CH₃)COOH or —NHCH(CH₃)CONHCH[CH₂CH(CH₃)₂]COOH, and their esters and salts and other phosphinothricin derivatives,

(A2) compounds of the formula (A2) and their esters and salts,



(A2)

(A3) imidazolinones and salts thereof,

(A4) herbicidal azoles from the protoporphyrinogen-oxidase (PPO-inhibitors) and the PPO-inhibitor WC9717

(A5) cyclohexanedione oxime herbicides and,

(A6) heteroaryloxyphenoxypropionic acid herbicides

(B) one or more herbicides selected from the group consisting of:

(B1) herbicides selected from the group consisting of cyanazine, atrazine, terbutylazine, acetochlor, metolachlor, alachlor, terbutryn, benoxacor, nicosulfuron, rimsulfuron, primisulfuron, dimethenamid, fluthiamide, sulcotrione, simazine, mesotrione and pentoxamid;

(B2) herbicides selected from the group consisting of pendimethalin, pyridate, iodosulfuron, metosulam, isoxaflutole, metribuzin, cloransulam, flumetsulam, linuron, florasulam and isoxachlortole; and

(B3) herbicides selected from the group consisting of bromoxynil, dicamba, 2,4-D, cropyralid, prosulfuron, thifensulfuron, carfentrazone, tritosulfuron (Lab271272), MCPA, halosulfuron, diflufenzopyr and sulfosulfuron

with the exception of herbicidal combinations which comprise

- (a) (A3) imidazolinones and (B) dicamba, bromoxynil, metolachlor, pyridate, primisulfuron, prosulfuron, nicosulfuron, acetochlor or pendimethalin
- (b) (B) idosulfuron and (A1) glufosinate, (A2) glyphosate or (A3.3) imazamethabenz,
- (c) (B) metolachlor and (A1) glufosinate, (A2) glyphosate or (A.5) sethoxydim.

and, optionally, one or more adjuvants and/or formulation auxiliaries.

Claim 25 (previously added): The herbicidal composition as claimed in claim 24, wherein the (A) herbicides are selected from the group consisting of

- (A1.1) glufosinate acid
- (A1.2) glufosinate-monoammonium salt,
- (A1.3) L-glufosinate,
- (A1.4) L-glufosinate monoammonium salt,
- (A1.5) bialaphos (or bilanafos) or its sodium salt,
- (A2.1) glyphosate-monoisopropylammonium salt,
- (A2.2) glyphosate-monoisopropylammonium salt,
- (A2.3) glyphosate-sodium salt,
- (A2.4) sulfosate,
- (A3.1) imazapyr and its salts and esters,
- (A3.2) imazethapyr and its salts and esters,
- (A3.3) imazamethabenz and its salts and esters,
- (A3.4) imazamethabenz-methyl,
- (A3.5) imazamox and its salts and esters,
- (A3.6) imazaquin and its salts and esters,
- (A3.7) imazapic (AC 263,222) and its salts and esters,
- (A4.1) pyraflufen and its esters, such as pyraflufen-ethyl,
- (A4.2) carfentrazone and its esters, such as carfentrazone-ethyl,
- (A4.3) oxadiargyl

- (A4.4) sulfentrazone,
- (A4.5) WC9717,
- (A5.1) sethoxydim
- (A5.2) cycloxydim
- (A5.3) clethodim,
- (A5.4) aclefoxidim, and
- (A5.5) tralkoxydim.

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Claim 26 (previously added): The herbicidal composition as claimed in claim 25, wherein the herbicide (A) in the herbicide combination is glufosinate-ammonium.

Claim 27 (previously added): The herbicidal composition as claimed in claim 25, wherein the herbicide (A) in the herbicidal combination is glyphosate-isopropylammonium.

Claim 28 (previously added): The herbicidal composition as claimed in claim 25, wherein the herbicidal combination comprises (A) glufosinate-ammonium and (B) mesotriione.

Claim 29 (previously added): The herbicidal composition as claimed in claim 25, wherein the herbicidal combination further comprises other crop protection active ingredients.

Claim 30 (previously added): The herbicidal composition as claimed in claim 25, wherein the herbicidal combination contains adjuvants and formulation auxiliaries.

Claim 31 (previously added): The herbicidal composition as claimed in claim 26, wherein the herbicidal combination further comprises other crop protection active ingredients.

Claim 32 (previously added): The herbicidal composition as claimed in claim 26, wherein the herbicidal combination comprises adjuvants and formulation auxiliaries.

Claim 33 (previously added): The herbicidal composition as claimed in claim 27, wherein the herbicidal combination comprises other crop protection active ingredients.

Claim 34 (previously added): The herbicidal composition as claimed in claim 27, wherein the herbicidal combination contains adjuvants and formulation auxiliaries.

Claim 35 (previously added): The herbicidal composition as claimed in claim 28, wherein the herbicidal combination further comprises other crop protection active ingredients.

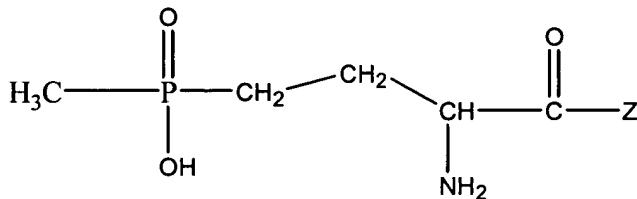
Claim 36 (previously added): The herbicidal composition as claimed in claim 28, wherein the herbicidal combination comprises with adjuvants and formulation auxiliaries.

Claim 37 (currently amended): The herbicidal composition as claimed in claim 24, wherein the herbicidal combination comprises glyphosateglufosinate-ammonium and a herbicide selected from the group consisting of dicamba, atrazine, sulcotrione, bromoxynil, clopyralid, isoxaflutole, pendimethalin, alachlor, thiensulfuron-methyl, flumetsulam, tritosulfuron, and fluthiamide.

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Claim 38 (previously added): The herbicidal composition as claimed in claim 24 wherein the herbicidal combination comprises glyphosate-isopropylammonium and a herbicide selected from the group consisting of 2,4,D,MCPA, pyridate, dimethenamid.

Claim 39 (new): A method for controlling harmful plants in maize crops which comprises applying an effective amount of a herbicide combination to the plants, seed of the plants or the area under cultivation, wherein the herbicide combination comprises a synergistically effective amount of compounds of the formula (A1),



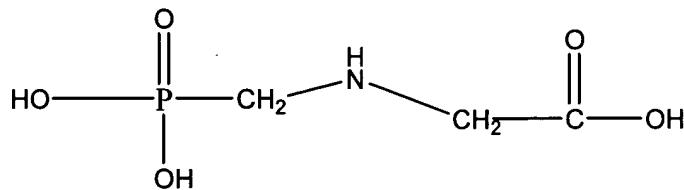
(A1)

in which Z is a radical of the formula -OH or a peptide radical of the formula -NHCH(CH₃)CONHCH(CH₃)COOH or -NHCH(CH₃)CONHCH[CH₂CH(CH₃)₂]COOH, and their esters and salts and other phosphinothricin derivatives, and

a herbicide (B) selected from the group consisting of mesotrione, sulcotrione, alachlor, thifensulfuron-methyl, tritosulfuron and fluthiamide,

and wherein the maize crops are tolerant to the herbicides (A1) and (B) which form a constituent of the combination, if appropriate in the presence of safeners.

Claim 40 (new): A method for controlling harmful plants in maize crops which comprises applying an effective amount of a herbicide combination to the plants, seed of the plants or the area under cultivation, wherein the herbicide combination comprises a synergistically effective amount of compounds of the formula (A2),



(A2)

and their esters and salts, and

a herbicide (B) selected from the group consisting of mesotrione, 2,4-D and MCPA,

and wherein the maize crops are tolerant to the herbicides (A1) and (B) which form a constituent of the combination, if appropriate in the presence of safeners.